



Science Vocabulary at Ludlow Primary School

Science Topic	Year 1-2	Year 3-4	Year 5-6
Working Scientifically	Experience, observe, changes, patterns, grouping, sorting, classifying, compare, identify (name), data, measure, record, equipment, questions, test, investigate, explore, magnifying glass / hand lens, same, different	Develop, enquiry, practical, enquiry, fair test, comparative test, relationships, conclusion, accurate, thermometer, data logger, estimate data, diagram, key, (identifying) table chart, bar chart, results, predictions, explanation, reason, similarity, difference, question, evidence, information, findings, criteria, values, properties, characteristics	Variables, evidence, justify, accuracy, precision, scatter graphs, bar graphs, line graphs, argument (science), causal, relationship
Animals, including humans	Names of common animals: fish, amphibians, reptiles, birds, Mammals, carnivores, herbivores, omnivores Human body senses: see, hear, feel, smell, taste Habitat, local environment, pet, wild, animal, insect, minibeast, food, eat, head, neck, body, arms, legs, ears, eyes, nose, mouth, tongue, hands, feet, fingers, toes, elbows, knees, hair, teeth, grow, healthy, offspring, adults, young, water, air, survive, exercise, hygiene, egg, chick, chicken, caterpillar, pupa, moth, butterfly, tadpole, frog, frog spawn, lamb, sheep, calf, cow, foal, horse	Nutrition, diet, skeleton, muscles, protection, support, movement, bones, skull, shell, digestive system, stomach, small intestine, large intestine, oesophagus, Types of teeth: molar, premolar, incisor, canine saliva	Puberty, gestation period, circulatory system, heart, lungs, blood vessels, blood, lifestyle, disease, water transportation, nutrient transportation, oxygen, air, breathing, exercise, diet, drugs
Plants	Plants, wild plants, garden plants, evergreen trees, deciduous trees, common flowering plants, flowers, vegetables, leaf/leaves, flower, blossom, petal, stem, trunk, branch, root, seed, bulb, bud, growth, grow, habitat, local environment, leaf fall, water, light, temperature, healthy growth, survive, soil, germinate, stages of growth	Functions, nutrients, nutrition, air, transport (water), life cycle, pollination, seed formation, seed dispersal, reproduce, fertiliser	

Living things and their habitats (including evolution and inheritance)	Pond, garden, field, park, woodland, sea shore, river, ocean, forest, rainforest, stones, rocks, logs, leaf, litter, habitat, micro-habitat, living, dead, not living, alive, healthy, food, food chain, depend, source of food, shelter, grow, growth, healthy	Environment, non-flowering plants, ferns, mosses, flowering plants, grasses, Vertebrate animals: fish, birds, mammals, amphibians, reptiles Invertebrate animals: snails, worms, slugs, spiders, insects Human impact – litter, deforestation, population increase, nature reserves	life cycles, reproduction, life processes, sexual and asexual reproduction (plants), root cuttings, classification, microorganisms, organisms, evolution, evolve, adaptation, variation, inherit, inheritance
Materials (including rocks and soils)	Everyday materials: wood, paper, plastic, metal, glass, water, rock, brick, stone, fabric material, foil, elastic, dough, rubber, card, cardboard, clay Object: make/made hard/soft shiny/dull stretchy/stiff rough/smooth bendy/not bendy waterproof/not waterproof transparent/opaque absorbent/not absorbent, squash, twist, bend, stretch	Rock, soil, fossil, organic matter, grains, crystals, sedimentary rock, metamorphic rock, igneous rock	Properties, hardness, solubility, transparency, electrical conductivity, thermal conductivity, magnetism, dissolve, solution, substance, separating, mixing, filtering, sieving, reversible change, burning, rusting, reactions, irreversible change
States of matter		Solid, liquid, gas, temperature, heat (heating), cool (cooling), water cycle, evaporation, condensation, melting, freezing,	Solid, liquid, gas, temperature, heat (heating), cool (cooling), water cycle, evaporation, condensation, melting, freezing,
Earth and space (Including Seasons)	Seasons, seasonal change, spring, summer, autumn, winter, weather, sun, sunshine, rain, snow, sleet, ice, frost, fog, cloud, hot, cold, storm, sky, earth, night, day,		Solar system planets: Mercury, Venus, earth, Mars, Jupiter, Saturn, Neptune, Uranus Moon, stars, spherical bodies, rotation, orbit, satellite, gravity, light years
Electricity		Electricity, simple circuit, light bulb, cell, wire, buzzer, switch, motor, battery, series, circuit, conductor, insulator	Voltage, components, symbols, circuit, diagram
Forces		Move, movement, surfaces, forces, push, pull, contact, distance, magnet, bar magnet, ring magnet, horseshoe magnet, attract, repel, poles (of magnets), magnetic, materials	Gravity, air resistance, water resistance, friction, levers, pulleys, gears, springs
Light		Light, dark (absence of light), reflect, shadow, opaque, mirror, reflective, surface	Light sources, periscope
Sound		Sound, vibration, vibrate, pitch, volume, insulation	